Index of Claims

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| App | lication | No. |
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| App | lication | No  |

10/733,631

Examiner

William K Cheung

Applicant(s)

LIU ET AL.

Art Unit 1713

√ Rejected
= Allowed

\_ (Through numeral)
Cancelled

Restricted

N Non-Elected

Interference

Appeal

Objected

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|  |                            |            |  |          |          |              | J  |              | L      |                 |  |  |
|--|----------------------------|------------|--|----------|----------|--------------|--|--------------|--------|-----------------|--|--|
|  | aim                        | Doto       |  |          |          |              |  |              |        |                 |  |  |
|  | Date                       |            |  |          |          |              |  |              |        |                 |  |  |
| Final                                  | Original                   | 10/8/04    |  |          |          |              |  |              |        |                 |  |  |
| 1                                      | 1                          | =          | T  | ✝        | 1        |              | 1  | 1            | $\top$ | +               |  |  |
| 12                                     | 12                         | ╘          | $\vdash$   | t        | ╁        | +-           | ╁  | t            | +-     | +               |  |  |
| 3                                      | 3                          | =          | t  | $\vdash$ | ╁        | +            | T  | +            | +      | +-              |  |  |
| 4                                      | 1<br>2<br>3<br>4           | t <u>-</u> | $\vdash$   | +-       | t        | ╁┈           | $\vdash$   | ╁            | +-     | +-              |  |  |
| 1<br>2<br>3<br>4<br>5                  | 5                          | ╘          | <del>                                     </del> | T        | T        | +            | t  | +            | +      | +               |  |  |
| 6                                      | 6                          | =          | <del>                                     </del> | T        | $\vdash$ | †-           | +  | $\vdash$     | +      | +               |  |  |
| 7                                      | 7                          | =          |  | 17       | 1-       | T            | <del>                                     </del> | T            | 1      | †               |  |  |
| 8                                      |                            | =          | ┪  |          | T        | +            | T  | ✝            | T      | †"              |  |  |
| 9                                      | 8                          | =          | Т  | ✝        | †        | T            | 1  | T            | 1      | †-              |  |  |
| 10                                     | 10                         | =          | Ι-   | T        | T        | 1            |  | 1            | $\top$ | T               |  |  |
| 11                                     | 11                         | =          |  | T        | †        | t            | $\vdash$   | †            | †      | †               |  |  |
| 12                                     | 11<br>12                   | =          |  |          | 1        | 1            | T  | 1            | †      | †               |  |  |
| 13                                     | _13-                       | =          |  |          | 1        |              |  | 1            | 1      | 1               |  |  |
| 14                                     | 14                         | =          |  |          | $\vdash$ | 1            | t  | ✝            | t      | T               |  |  |
| 15                                     | 15                         | =          |  |          |          | T            | 1  |              | 1      | Ť               |  |  |
| 11<br>12<br>13<br>14<br>15<br>16<br>17 | 14<br>15<br>16<br>17<br>18 | =          |  | Г        |          |              | Т  |              |        | T               |  |  |
| 17                                     | 17                         | =          | Γ  |          |          |              | T  |              |        |                 |  |  |
| 18                                     | 18                         | =          |  |          | T        |              |  |              |        |                 |  |  |
| 19                                     | 19<br>20                   | =          |  | П        | П        | Τ            |  |              | Г      |                 |  |  |
|  | 20                         |            |  |          |          |              |  |              |        | Т               |  |  |
|  | 21                         |            |  |          |          |              |  | 1            | 1      |                 |  |  |
|  | 22<br>23                   |            |  |          |          |              |  |              |        |                 |  |  |
|  | 23                         |            |  |          |          |              |  |              |        |                 |  |  |
|  | 24<br>25                   |            |  |          |          |              |  |              | L      |                 |  |  |
|  | 25                         |            |  |          |          |              | L  |              |        |                 |  |  |
|  | 26                         |            |  |          |          | _            | <u> </u>   |              |        |                 |  |  |
|  | 27<br>28                   |            |  | _        | <u> </u> | ļ_           | L.   |              |        |                 |  |  |
|  | 28                         |            |  | _        |          | <u> </u>     |  | <u>L</u>     | L      |                 |  |  |
|  | 29                         |            |  |          | <u> </u> | L            | Ĺ  |              | L.     | _               |  |  |
|  | 30                         |            |  |          | _        |              |  | _            | _      | Ш               |  |  |
| _                                      | 31                         |            |  |          | L        | _            | _  |              | L      |                 |  |  |
|  | 32<br>33                   |            |  | _        | L        | <u> </u>     | <u> </u>   |              |        | L.              |  |  |
|  | 33                         | $\dashv$   |  |          | _        | ⊢            | _  | ļ            |        | Ы               |  |  |
|  | 34                         |            |  | <u> </u> | $\vdash$ | ├            | <u> </u>   | _            | _      | Н               |  |  |
|  | 35<br>36                   | Į          | _  | _        |          | <del> </del> | $\vdash$   | ├—           |        | -               |  |  |
|  | 37                         | $\dashv$   |  | _        | $\vdash$ | $\vdash$     | <u> </u>   | <del> </del> |        | $\vdash\vdash$  |  |  |
|  | 38                         | $\dashv$   |  |          | $\vdash$ |              | ├  | -            | ┝      | H               |  |  |
|  | 39                         | $\dashv$   |  | -        | -        | -            | -  | -            | ┝      | $\vdash \vdash$ |  |  |
|  | 40                         | $\dashv$   |  |          | -        | $\vdash$     | $\vdash$   | -            |        | H               |  |  |
|  | 41                         |            |  | _        | $\vdash$ | $\vdash$     | ├  | $\vdash$     | -      | Н               |  |  |
|  | 42                         | $\dashv$   | -  |          | <u> </u> |              | $\vdash$   | $\vdash$     |        | H               |  |  |
|  | 43                         | _          |  |          |          |              |  |              |        | $\vdash \dashv$ |  |  |
|  | 44                         | _          | $\neg$   |          |          |              | Т  | $\vdash$     | _      | $\vdash$        |  |  |
|  | 45                         | $\neg$     |  |          |          |              | М  |              | _      |                 |  |  |
|  | 46                         | T          | 7  |          |          |              |  |              |        | $\Box$          |  |  |
|  | 47                         | T          |  | _        |          |              |  |              |        | П               |  |  |
|  | 48                         |            |  |          |          |              |  |              |        |                 |  |  |
|  | 49                         |            |  |          |          |              |  |              |        | $\Box$          |  |  |
|  | 50                         |            |  |          |          |              |  |              | _      |                 |  |  |

|     | Claim  |           |          | Date     |              |              |              |          |                |  |              |  |  |
|-----|--|-----------|----------|----------|--------------|--------------|--------------|----------|----------------|--|--------------|--|--|
|     | l  |           |          | Γ        | T            |              | 1            | Τ        |                | Τ  | T            |  |  |
|     | Final  | Original  |          |          |              |              |              | .        |                | -  |              |  |  |
|     |  | Щ.        |          |          |              |              |              |          |                |  |              |  |  |
|     | <u></u>  | 51        | ┖        |          | ļ.,          |              |              |          |                |  | I            |  |  |
|     | <u> </u>   | 52        | ↓_       | 1        | ┸            | 1            | $\perp$      | ļ        | $\perp$        | ↓_   | $\perp$      |  |  |
|     |  | 53        | ╁        | 4        | ╀            | ╀            | ╽            | ┺        | ╄              | ╄  | ╄            |  |  |
|     | <u> </u>   | 54<br>55  | ╀        | ╄        | 1            | ╄-           | 4            | ╄        | ₩.             | ↓_   | _            |  |  |
|     |  | 56        | +        | ╀        |              |              | ╁            | +        | +              | -  | -            |  |  |
|     |  | 57        | +-       | ╀        | ┿-           | -            | +            | ╁┈       | ╁              | ╁  | ╀            |  |  |
|     | <u> </u>   | 58        | +        | +-       | +-           | ┿            |              | ╁        | ╁              | ┼—   | ╁            |  |  |
|     |  | 59        | +        | ╁        | +            | +            | +            | ┢        | ┼              | +-   | +            |  |  |
|     | <del>                                     </del> | 60        | +        | ╁╌       | ╁            | +            | ╁╴           | ╁╴       | ╁              | ╁  | +            |  |  |
|     |  | 61        | +-       | +        | $\dagger$    | +-           | ╁            | $\top$   | +              | +-   | +-           |  |  |
|     |  | 62        | T        | T        | 1            | T            | 1            | $\vdash$ | t              | 1-   | T            |  |  |
|     |  | -63       | -        | 1        | 1            | 1            | 1 -          |          | 1-             | -  | -            |  |  |
|     |  | 64        |          |          | Ι            |              |              |          |                | Ι  |              |  |  |
|     |  | 65        |          |          |              |              |              |          |                |  |              |  |  |
|     |  | 66        | L        | L        |              | L            |              |          | $\bot$         | L  | 1            |  |  |
|     | <u> </u>   | 67        | _        | $\perp$  | 4            | $\perp$      | _            |          |                |  | 1            |  |  |
|     | ļ  | 68        | Ι.       | _        | $\perp$      |              | $oxed{oxed}$ | <u> </u> | 1_             | _  | _            |  |  |
|     |  | 69        | 1        | <u> </u> | $\vdash$     | ļ            | ــ           | 1        | ⊢              | -  | -            |  |  |
|     |  | 70<br>71  | -        | -        | -            | $\vdash$     | ┼            | $\vdash$ |                | -  | 1            |  |  |
|     | ├─   | 72        | ⊢        | ╀        | $\vdash$     | -            | +-           | ├-       | ┼              | $\vdash$   | <u> </u>     |  |  |
|     | -  | 73        | -        | ╁        | ╁            | ╀            | ┼            | ╁        | ├              | ├  | <b>}</b> _   |  |  |
|     | <del></del>                                      | 74        | ┼        | ┢        | $\vdash$     | $\vdash$     | ┼╌           | ┼        | H              | $\vdash$   | ╂            |  |  |
|     |  | 75        | ┢        | ╁        | $\vdash$     | +            | ╁            | ┢        | <del>  -</del> | ├  | ╁            |  |  |
|     |  | 76        |          | ╁╾       | +            | $\vdash$     | 1            | ┢╌       |                | $\vdash$   | ╁╴           |  |  |
|     |  | 77        | 1        | 1        | +            | 1            | <del> </del> | $\vdash$ |                | <del>                                     </del> | $\vdash$     |  |  |
|     |  | 78        |          | T        | Ť            | T            | T            |          |                |  |              |  |  |
|     |  | 79        |          |          | Τ            |              |              | 1        |                |  |              |  |  |
|     |  | 80        |          |          |              |              |              |          |                |  | Γ            |  |  |
| į   |  | 81        |          |          |              |              |              |          |                |  |              |  |  |
|     |  | 82        | L        |          | <u> </u>     | <u> </u>     |              | L        | $\Box$         |  | Ļ            |  |  |
|     |  | 83        | _        | <u> </u> | _            | ļ            | <u>L</u>     | _        |                | _  |              |  |  |
|     |  | 84        | L        | _        | ļ            | -            | $\vdash$     | _        | ١.             | <u> </u>   | <u> </u>     |  |  |
|     |  | 85        | _        | _        | <b> </b>     | <u> </u>     |              | _        | <u> </u>       | $\vdash$   | <u> </u>     |  |  |
|     |  | 86<br>87  | $\vdash$ | -        | ┢╌           | <del> </del> | -            | -        |                | -  | <del> </del> |  |  |
| 1   |  | 88        | $\vdash$ | -        | ┼─           | $\vdash$     | $\vdash$     | $\vdash$ |                | $\vdash$   |              |  |  |
| ł   |  | 89        | -        | $\vdash$ | <del> </del> | $\vdash$     | ├─           | $\vdash$ | $\vdash$       | $\vdash$   | -            |  |  |
| 1   |  | 90        |          | t        | $\vdash$     |              | $\vdash$     | -        |                | $\vdash$   |              |  |  |
|     |  | 91        | $\vdash$ |          | T            | <del> </del> |              | _        | H              |  | $\vdash$     |  |  |
| Ì   |  | 92        |          |          |              |              |              |          | Г              |  |              |  |  |
|     |  | 93        |          |          |              |              |              |          |                |  |              |  |  |
|     |  | 94        |          |          |              |              |              |          |                |  |              |  |  |
|     |  | 95        |          |          |              |              |              |          |                |  |              |  |  |
|     |  | 96        |          | L        |              | L            | Щ            |          |                |  |              |  |  |
| -   |  | 97        |          |          |              | <u> </u>     | Ш            |          | Щ              |  |              |  |  |
| -   |  | 98        |          |          | <u> </u>     | _            | Ш            |          | $\sqcup$       |  | $\sqcup$     |  |  |
| -   | -  | 99<br>100 |          | _        |              | $\vdash$     | $\sqcup$     | _        |                | _  |              |  |  |
| - 1 | - 1  | -100 l    | 1 1      |          | 1            | 1            |              |          |                |  |              |  |  |

| CI           | aim        | Date     |  |              |              |          |              |  |          |           |  |
|--------------|------------|----------|--|--------------|--------------|----------|--------------|--|----------|-----------|--|
|              |            |          |  |              | Τ            | П        | Τ            |  |          |           |  |
| Final        | Original   |          |  |              |              |          |              |  |          | l         |  |
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|              | ŀ          |          |  |              | L            |          |              |  |          |           |  |
|              | 101<br>102 |          |  |              |              |          |              |  |          |           |  |
|              | 102        |          |  |              |              |          |              |  |          |           |  |
|              | 103        | _        | ١.   | ļ            | ┖            |          | $\perp$      | $\perp$  | L        |           |  |
|              | 104<br>105 | <u>L</u> | _  | _            | ↓_           | ┺        | ↓_           | $oldsymbol{oldsymbol{oldsymbol{eta}}}$           |          |           |  |
|              | 105        | ļ        | <u> </u>   | ↓_           | ļ.,          | 1_       | $\perp$      |  |          | <u> </u>  |  |
|              | 106        | _        |  | ļ.,          |              | ╄        | ╄-           |  | ļ        |           |  |
| <u> </u>     | 107        | ļ        | ـــ  | -            | -            | ╀        | ╄            | ┿  | 1        | 1         |  |
|              | 108        |          | <u> </u>   | ╀            | ⊢            | 1        | ـ            | -  | <u> </u> | 1         |  |
| -            | 109        | _        | -  | ╀            | $\vdash$     | $\vdash$ | ╀            | ├  | <b>├</b> | Щ         |  |
|              | 110        | ļ        |  | -            | ⊢            |          | ╄            | ╄  | -        | ļ         |  |
|              | 111<br>112 | -        | <b> </b>   | ┼            | ├            | ┼        | 1            | -  | <u> </u> |           |  |
|              | 113        | -        | -  | ⊢            | ⊢            | ╀        | +            | ļ.,  | -        | Н         |  |
|              | 114        | -        |  | Ţ            | -            | 1        |              | -  | -        | Н         |  |
|              | 114        | -        | ⊢  | ╁╌           | $\vdash$     | ╁        | ╁╾           | ⊢  | ⊢        | Н         |  |
|              | 115<br>116 | -        | ├  | $\vdash$     | ⊢            | ╄        | ┼            | -  | ┝┈       | $\vdash$  |  |
|              | 117        |          | ╁╾   | ⊢            |              | ┼        | ╁            | <b></b> -  | -        | Н         |  |
|              | 118        | _        | -  | ⊢            | ┢            | ╁        | ╁            | -  | -        | H         |  |
|              | 119        |          | ⊢  | ╁            | -            | ╁        | ╁            | -  | H        | $\vdash$  |  |
|              | 120        |          |  | ┢╌           | ⊢            | ╁        | ╁┈           | -  | -        | Н         |  |
|              | 120<br>121 | $\vdash$ | ┢  | ├            | ┢            |          | +            | ╁  | -        | H         |  |
|              | 122        | -        | ╁╌   | ╁—           | ⊢            | ├-       | +            | ┢  | -        |           |  |
|              | 123        |          | -  | <del> </del> | $\vdash$     | 1        | H            | $\vdash$   | ├        |           |  |
|              | 123<br>124 | _        | -  |              |              | ┢        | -            |  | -        | Н         |  |
|              | 125        | -        | $\vdash$   |              | -            | $\vdash$ | <del> </del> | H  | -        | Н         |  |
|              | 126        |          | <del>                                     </del> |              | <del> </del> | H        | H            | <del>                                     </del> |          | Н         |  |
|              | 126<br>127 | _        |  | Г            |              | i        | T            |  |          | Н         |  |
|              | 128        |          |  |              |              |          |              |  |          | Н         |  |
|              | 129        |          |  |              |              |          |              |  |          |           |  |
|              | 130        | _        |  |              |              |          |              |  |          | П         |  |
|              | 131        |          |  |              |              |          |              |  |          | П         |  |
|              | 132        |          |  |              |              |          |              |  |          |           |  |
|              | 133        |          |  |              |              |          |              |  |          |           |  |
|              | 134        |          |  |              |              |          |              |  |          |           |  |
|              | 135        |          |  | Ш            | <u> </u>     | <u> </u> |              |  |          |           |  |
|              | 136        |          |  |              | L            | <u> </u> | <u> </u>     |  |          | Ш         |  |
|              | 137        |          | _  | <u> </u>     |              | <u> </u> |              | Ш  |          | Ш         |  |
|              | 138        | _        |  |              | _            |          | <u> </u>     | Щ  |          | Щ         |  |
|              | 139        | _        |  |              |              | <u> </u> | ٠.           |  |          | Щ         |  |
|              | 140        |          |  | $\vdash$     |              | <u> </u> | $\vdash$     | $\sqcup$   |          | $\square$ |  |
|              | 141        | $\dashv$ |  |              | _            |          | $\vdash$     |  | -        | $\dashv$  |  |
| - +          | 142        |          | _  | -            |              | $\vdash$ | <u> </u>     |  |          | $\dashv$  |  |
|              | 144        |          |  |              |              | $\vdash$ | $\vdash$     | $\vdash$   | 4        | $\dashv$  |  |
| +            | 145        |          | -  | -            |              |          |              |  |          | $\dashv$  |  |
|              | 146        | -        | $\dashv$   |              |              |          | $\vdash$     |  | $\dashv$ | $\dashv$  |  |
|              | 147        | $\dashv$ | -  |              |              |          | Н            | -  |          |           |  |
|              | 148        | $\dashv$ | $\dashv$   |              | -            |          | $\vdash$     |  | $\dashv$ | $\dashv$  |  |
| <del> </del> | 149        | $\dashv$ | $\dashv$   | -1           | -            |          |              | $\dashv$   | $\dashv$ | $\dashv$  |  |
|              | 150        |          | $\dashv$   | $\dashv$     | -            | -        |              | $\dashv$   | $\dashv$ | $\dashv$  |  |
|              | 100        | _1       |  |              |              |          |              |  |          |           |  |